

In the Claims

1. An image transfer sheet, comprising: an image imparting layer comprising an ethylene copolymer.
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2. The image transfer sheet of claim 1 and further comprising an adhesive layer that permits transfer of an image of the image imparting layer to a substrate.
3. The image transfer sheet of claim 1 wherein the ethylene copolymer is
10 ethylene methylacrylate.
4. The image transfer sheet of claim 1 wherein the ethylene copolymer is ethylene acrylic ester copolymer.
- 15 5. The image transfer sheet of claim 1 wherein the ethylene copolymer is ethylene acrylic ester terpolymer.
6. The image transfer sheet of claim 1 wherein the image imparting layer overlays the adhesive layer.
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7. The image transfer sheet of claim 1 and further comprising a release layer that underlay the adhesive layer.
8. The image transfer sheet of claim 1 and further comprising a primer layer
25 that overlays the polymer layer.
9. The image transfer sheet of claim 1 and further comprising a second image imparting layer that overlays the primer layer.

10. The image transfer sheet of claim 1 wherein the image imparting layer has adhesive properties.

11. The image transfer sheet of claim 10 wherein the image imparting layer has
5 release properties.

12. The image transfer sheet of claim 10 wherein the image imparting layer comprises one or more of ethylene methacrylate copolymer in a concentration of up to about 50% by weight methyl acrylic acid; ethylene acrylic ester copolymer;
10 ethylene acrylic ester terpolymer; ethylene/acrylic ester/maleic anhydride terpolymer and co-monomer; Escor acid terpolymers; or ethylene n-butyl acrylate.

13. The image transfer sheet of claim 1 and further comprising a base layer that supports the adhesive layer and the image imparting layer.
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14.. The image transfer sheet of claim 13 wherein the base layer and the adhesive layer are laminated.

15. The image transfer sheet of claim 1 wherein the image imparting layer
20 comprises coloring agents.

16. The image transfer sheet of claim 15 wherein the coloring agents change color with changes in temperature or with changes in pH.

25 17. A kit comprising :
an image transfer sheet comprising a base layer and an adhesive layer that overlays the base layer wherein the base layer comprises an ethylene copolymer; and
a substrate that receives an image from the image transfer sheet.

18. The kit of claim 17 and further comprising a container for containing the image transfer sheet and the substrate.

19. The kit of claim 17 wherein the substrate is selected from the group
5 consisting of a -shirt, towels, clothing, sheets, and napkins.

20. An image transfer layer comprising an image imparting layer, the image imparting layer comprising co-extruded layers of ethylene methylacrylate copolymers and Surlyn.

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21. The image transfer layer of claim 20 and further comprising nylon.

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